

IDS-7200HUHI-M1/FA SERIES TURBO ACUSENSE DVR

Key Feature

- Deep learning-based behavior analysis or face picture comparison
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTV/AVHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 8/16-ch IP camera inputs (up to 8 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTV signal transmission
- Up to 10 TB capacity per HDD



Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Recording at up to 8 MP resolution

Storage and Playback

- Smart search for efficient playback
- Support the third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Deep learning-based behavior analysis (line crossing and intrusion detection) or facial recognition
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable



Specification

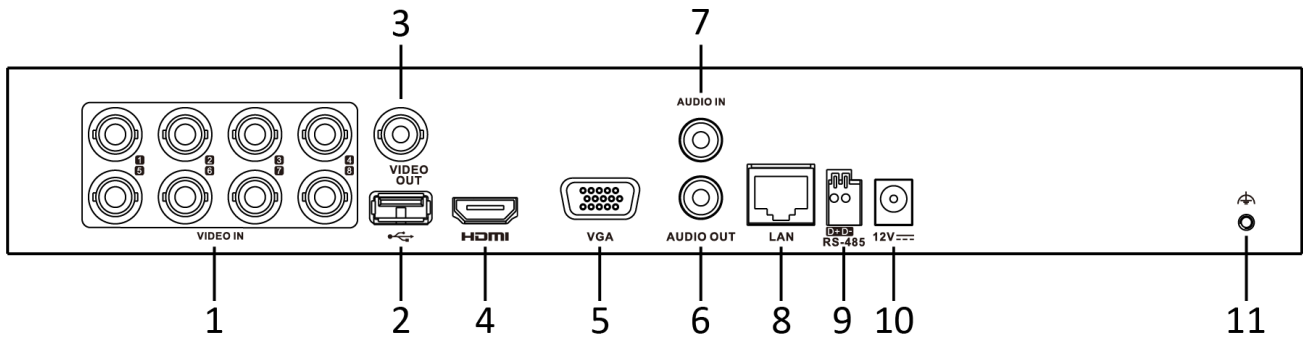
| Model | iDS-7204HUHI-M1/FA | iDS-7208HUHI-M1/FA |
|---|--|---|
| Facial Analysis¹ | | |
| Facial detection and capture | Face picture comparison, face picture search | |
| Face picture library | Up to 16 face picture libraries, with up to 500 face pictures in total (each picture ≤ 1 MB, total capacity ≤ 80 MB) | |
| Face picture comparison | 1-ch face picture comparison alarm (HD analog camera) | |
| Human/Vehicle Analysis¹ | | |
| False alarm reduction | Up to 4-ch | |
| Recording | | |
| Video compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 | |
| Encoding resolution | Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1. | Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) |
| | Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N) | |
| Video bitrate | 32 Kbps to 10 Mbps | |
| Dual stream | Support | |
| Stream type | Video, Video & Audio | |
| Audio compression | G.711u | |
| Audio bitrate | 64 Kbps | |
| Video and Audio | | |
| IP video input | 2-ch (up to 6-ch) | 4-ch (up to 12-ch) |
| | IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps | IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps |
| | Up to 8 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras | |
| Analog video input | 4-ch | 8-ch |
| | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | |
| HDTVI input | 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps *: The 8 MP signal input is only available for channel 1. | 8 MP, 5 MP, 4 MP, 3 MP, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps |
| AHD input | 5 MP, 4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps | |
| HDCVI input | 4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps | |
| CVBS input | PAL/NTSC | |
| CVBS output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 | |

| | | |
|----------------------------------|---|---|
| VGA output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output |
| HDMI output | 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output |
| Audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) | |
| | 4-ch via coaxial cable | 8-ch via coaxial cable |
| Audio output | 1-ch, RCA (Linear, 1 KΩ) | |
| Two-way audio | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) | |
| Synchronous playback | 4-ch | 8-ch |
| Network | | |
| Remote connections | 32 | 64 |
| Network protocols | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF | |
| Network interface | 1, RJ45 10M/100M self-adaptive Ethernet interface | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface |
| Auxiliary interface | | |
| SATA | 1 SATA interface | |
| Capacity | Up to 10 TB capacity for each disk | |
| Serial interface | RS-485 (half-duplex) | |
| USB interface | Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0 | Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0 |
| Alarm in/out | N/A | |
| General | | |
| Power supply | 12 VDC, 1.5 A | 12 VDC, 2 A |
| Consumption (without HDD) | ≤ 10 W | ≤ 15 W |
| Working temperature | -10 °C to +55 °C (+14 °F to +131 °F) | |
| Working humidity | 10% to 90% | |
| Dimension (W × D × H) | 315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch) | |
| Weight (without HDD) | ≤ 1.16 kg (2.6 lb) | ≤ 2 kg (4.4 lb) |

Note:

1: Facial analysis and human/vehicle analysis cannot be enabled at the same time. Enable one function will make the other one unavailable.

Physical Interface



*: The rear panel of iDS-7204HUHI-M1/FA provides 4 video input interfaces.

| No. | Description | No. | Description |
|-----|--------------------------|-----|-------------------------|
| 1 | VIDEO IN | 7 | AUDIO IN, RCA connector |
| 2 | USB interface | 8 | LAN network interface |
| 3 | VIDEO OUT | 9 | RS-485 serial interface |
| 4 | HDMI interface | 10 | 12 VDC power input |
| 5 | VGA interface | 11 | GND |
| 6 | AUDIO OUT, RCA connector | | |

Available Model

iDS-7204HUHI-M1/FA, iDS-7208HUHI-M1/FA

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